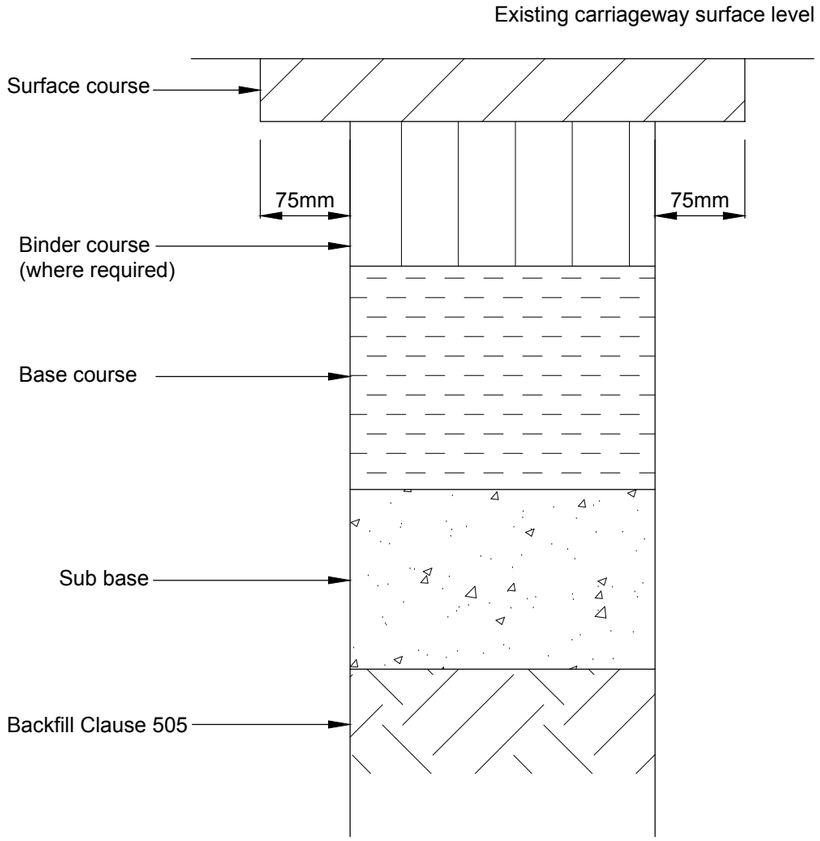
Received - 11 March 2020
Planning Applications Group

CONSTRUCTION DETAILS



Construction Materials & Layer Thicknesses

	Road type 1 (10-30msa)	Road type 2 (25-10msa)	Road type 3 (0.5-2.5msa)	Road type 4 (up to 0.5msa)
Surface Course Materials Preferred options for new reinstatements: • HRA 55/10 F surf 100/150 des WTR1 (not to be used on sites 40mph or above) • HRA 35/14 surf 40/60 des WTR1+ PCC 14/20 Options for existing SMA Surfacing: • SMA10 surf 40/60 WTR1 Options for existing AC Surfacing: • AC10 close surf 100/150	40	40	40	40
Binder Course Materials • HRA 60/20 F bin 40/60 des WTR1 • AC20 dense bin 100/150 WTR1	60	60	60	Not Required
Base Course Materials • AC32 HDM base 40/60	250	185	90	110
Sub base Materials • Type 1 sub base to clause 888AR	150	165	260	300
	500	450	450	450

Notes

1. Material to be laid and compacted to Clauses 802 and 903.
2. Backfill material shall be to Clause 601 Table 6/1 as follows:
   Class 1A (well graded granular)max. size 50mm.
   Class 1B (uniformly graded granular) max. size 50mm.
   Class 2B (dry cohesive material).
   Class 3 (hard dry chalk) SMC exceeding 23.
   Reclaimed road pavement material satisfying the grading for Class 1A shall be acceptable as Class 1A.
3. The 75mm trim back of surface course may be deleted with the prior agreement of the Overseeing Organisation if the trench edge is sawn and the underlying material is sound.
4. 14/20mm coated chippings min. PSV 60 to be liberally applied to the surface of HRA 35/14 surface courses and rolled in to match existing texture.
5. Binder/Base courses to be laid in layers of thickness to suit the type of compaction plant.
6. The sub base material must be non-frost susceptible.
7. Bond coat or tack coat must be used between all asphalt layers.
8. All vertical edges shall be sealed with bitumen. Alternatively overbanding to clause 711 shall be applied to all joints on the finished surface.

Rev	Revision Date	Purpose of revision	Drawn	Check'd	App'd

Kent County Council
kent.gov.uk

Kent County Council
Sessions House
Maidstone
ME14 1XQ

Director of Highways, Transportation and Waste

Project: STANDARD DETAIL

Drawing title: Permanent Reinstatement Bituminous Carriageways

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.
DO NOT SCALE

Drawn: AMEY	Checked: CL	Approved: CL
Date: 25/08/17	Scale @A3: Not to Scale	

Drawing number: KCC/HTW/700/002

Rev: 0

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